

Datasheet **PV Inverter Shelters**

PV Inverter Shelters

The shelters provide protection for all types of commercial inverters and are a perfect overall solution for your cable management in combination with our other products from ValkCableCare. The PV Shelter is available in three different configurations: single, double and wall.

Description	L [mm]	W [mm]	H [mm]	Weight per piece [kg]	Max. support weight [kg]
PV Inverter Shelter Single	755	1586	1560	36	400
PV Inverter Shelter Double	1501	1590,6	1561	62	480
PV Inverter Shelter Wall	491	1580,6	1500	33	400

Technical specifications

- Durable and solid: steel construction with a roof made of high-quality zinc magnesium.
- Minimal number of components: easy installation in less than 7 minutes.
- Precise ballast calculation PV Inverter Shelter Double: customized to the location and building height for optimal ballast quantity.
- Mechanical fixation possible for a ballast free installation.
- Different versions available: single, double or wall-mounted.
- Easy expansion: connectors, protective roof supports and multiple mounting brackets available.
- Increased fire safety: inverters can be placed outdoors for additional safety.
- Space-saving: compact packing method, up to 4 PV shelters on a pallet.
- Compatibility: the shelters offer protection for all types of inverter cabinets and provide a total cable management solution in combination with ValkCableCare.
- Optimized inspection capabilities.

Applicability and supplies

PV Inverter Shelter Single

Single-sided PV Inverter Shelter to be mounted on the wall using wall anchors while also being supported on the ground. Because this shelter also makes contact with the ground, the weight on the wall is considerably lower. The method of fixing strongly depends on the type of wall to which the shelter will be fixed. Consult the building's structural engineer for attachment to the relevant wall.

Required articles		
Quantity	Art. no.	Description
1	760627	Mounting material PV Inverter Shelter Single incl. feet
1	760619	Base PV Inverter Shelter Single
1	760623	H-frame PV Inverter Shelter Single
1	760626	Roof PV Inverter Shelter

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PV Inverter Shelter Double

The PV Inverter Shelter Double is a stand-alone shelter, which can be installed ballasted on the roof. In many cases, it is therefore necessary to add counterweight support. Consult Van der Valk Solar Systems for a correct and safe ballast calculation. The PV Inverter Shelter Double can also be mechanically anchored for a ballast free installation of the shelter. Contact Van der Valk Solar Systems for the appropriate products.

Required articles		
Quantity	Art. no.	Description
1	760628	Mounting material PV Inverter Shelter Double incl. feet
1	760620	Base PV Inverter Shelter Double
1	760624	H-frame PV Inverter Shelter Double
2	760626	Roof PV Inverter Shelter

PV Inverter Shelter Wall

Single-sided PV Inverter Shelter, which should be wall-mounted using wall anchors. The method of fixing strongly depends on the type of wall to which the shelter will be fixed. Consult the building's structural engineer for attachment to the relevant wall.



Required articles		
Quantity	Art. no.	Description
1	760629	Mounting material PV Inverter Shelter Wall
1	760625	H-frame PV Inverter Shelter Wall
1	760626	Roof PV Inverter Shelter

* Attention: Wall anchors are not included.

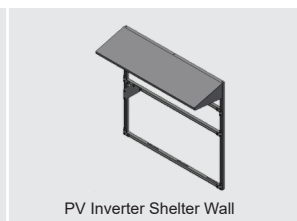
* Additional support mats are required when using ValkSolarFix in combination with the PV Inverter Shelter Double.

* The data sheet of the inverter may prescribe that the heat of the inverter must be safely dissipated. For this reason, free space behind the inverter is required, resulting in the PV Inverter Single and Wall not being applicable.

Article information




Base		
Material number	760619	760620
Description	Base PV Inverter Shelter Single	Base PV Inverter Shelter Double
GTIN code	08719632528081	08719632528098
Image		
Weight (kg)	10,17	17,64
Dimensions (mm)	775 x 1591 x 50	1501 x 1591 x 50
No. of pcs per packaging	1	1
Gross price EUR	€ 501,61	€ 530,90
Gross price GBP	£ 451,45	£ 477,81


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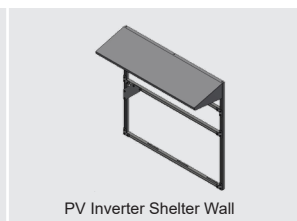
PV Inverter Shelters

H-frame			
Material number	760623	760624	760625
Description	H-frame PV Inverter Shelter Single	H-frame PV Inverter Shelter Double	H-frame PV Inverter Shelter Wall
GTIN code	08719632528128	08719632528135	08719632528142
Image			
Weight (kg)	12,37	14,33	16,48
Dimensions (mm)	55 x 1581 x 1496	55 x 1581 x 1496	55 x 1581 x 1496
No. of pcs per packaging	1	1	1
Gross price EUR	€ 556,52	€ 570,82	€ 581,28
Gross price GBP	£ 500,87	£ 513,74	£ 523,15

Roof	
Material number	760626
Description	Roof PV Inverter Shelter
GTIN code	08719632528159
Image	
Weight (kg)	11,6
Dimensions (mm)	450 x 1586 x 207
No. of pcs per packaging	1
Gross price EUR	€ 208,00
Gross price GBP	£ 187,20

Mounting material			
Material number	760627	760628	760629
Description	Mounting material PV Inverter Shelter Single incl. feet	Mounting material PV Inverter Shelter Double incl. feet	Mounting material PV Inverter Shelter Wall
GTIN code	08719632528166	08719632528173	08719632528180
Weight (kg)	4	4	4
Packaging contents	1x Mounting material PV Inverter Shelter Single 2x Foot PV Inverter Shelter Single 4x Channel nut for mounting inverter	1x Mounting material PV Inverter ShelterDouble 2x Foot PV Inverter Shelter Double 4x Channel nut for mounting inverter	1x Mounting material PV Inverter Shelter Wall 4x Channel nut for mounting inverter
Gross price EUR	€ 363,87	€ 372,28	€ 65,72
Gross price GBP	£ 327,48	£ 335,05	£ 59,15

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Service products

Optionally, there are various service products available to expand the PV Inverter Shelter according to preference.

Material number	760609	760610	760611
Description	Roof protection Inverter Shelter Single	Roof protection Inverter Shelter Double	Counterweight support Inverter Shelter
GTIN code	08719632527886	08719632527893	08719632527909
Image			
Weight (kg)	0,076 Kg per pc	0,152 Kg per pc	2,459 Kg per pc
No. of pcs per plt	2 pcs	2 pcs	2 pcs
Gross price EUR	€ 58,50 per pc	€ 58,50 per pc	€ 61,75
Gross price GBP	£ 52,65 per pc	£ 52,65 per pc	£ 55,58
Material number	760612	760613	760614
Description	Pitched roof adjustment piece Inverter Shelter	Mounting set for cable baskets Inverter Shelter	Connecting plates Inverter Shelter
GTIN code	08719632527916	08719632527923	08719632527930
Image			
Weight (kg)	3,273 Kg per pc	1,651 Kg per pc	0,560 Kg per pc
No. of pcs per plt	2 pcs	2 pcs	2 pcs
Gross price EUR	€ 118,00 per pc	€ 11,20 per pc	€ 6,50 per pc
Gross price GBP	£ 106,20 per pc	£ 10,08 per pc	£ 5,85 per pc
Material number	760631	760632	760615
Description	Extra profile PV Inverter Shelter Single/Wall	Extra profile PV Inverter Shelter Double	Earthing rail
GTIN code	08719632528470	08719632528487	08719632528265
Image			
Weight (kg)	2,650 Kg per pc	3,000 Kg per pc	0,550 Kg per pc
No. of pcs per plt	1 pcs	1 pcs	1 pcs
Gross price EUR	€ 150,00 per pc	€ 155,00 per pc	€ 81,65 per pc
Gross price GBP	£ 135,00 per pc	£ 139,50 per pc	£ 73,50 per pc

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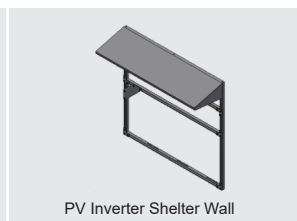
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PV Inverter Shelter Single



PV Inverter Shelter Double



PV Inverter Shelter Wall

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Service products

Roof protection PV Inverter Shelter Single

Protective mat (PP) for preventing softeners from escaping from the PVC roof covering.

Roof protection PV Inverter Shelter Double

Protective mat (PP) for preventing softeners from escaping from the PVC roof covering.

Counterweight support PV Inverter Shelter

Support for ballast tiles.

Slanted roof adjustment piece PV Inverter Shelter

To tilt the PV shelter on a (slightly) sloping roof, up to 5° in relation to the feet.

Mounting set for wire baskets PV Inverter Shelter

For fastening our cable basket to the PV shelter.

Connecting plates PV Inverter Shelter

For connecting several PV Shelters to each other.

Extra profile PV Inverter Shelter Single/Wall & Double

A single profile for mounting multiple (smaller) inverters at different elevations. To be fixed with two connecting plates (sold separately).

Max. support weight [Kg]	
Single/Wall	200 Kg
Double	240 Kg

Earthing rail

Provide shelters with a central potential equalization rail for a clear and safe potential equalization of all conductive parts. Fitted with 8 earthing points.

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